

## PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	OPP021237KR
I	Title of invention	LIQUID CRYSTAL DISPLAY AND THIN FILM TRANSISTOR ARRAY PANEL THEREFOR
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SAMSUNG ELECTRONICS CO., LTD.
II-5	Address:	416, Maetan-dong, Paldal-ku, 442-370 Suwon-city, Kyungki-do, Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-31-209-7703
II-9	Facsimile No.	82-31-209-2779
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	LEE, Baek-Woon
III-1-5	Address:	Dongbu Apt. 110-802, 331, Yatap-dong, Bundang-ku, 463-828 Seongnam-city, Kyungki-do, Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR

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<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	KIM, Hee-Seob
III-2-5	Address:	Sinyeongtong Hyundai Apt. 110-304, Banwol-ri 865-1, Taean-eub, 445-973 Hwaseong-city, Kyungki-do Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	HONG, Sung-Kyu
III-3-5	Address:	Hwanggol jookong Apt. 136-1806 Yeongtong-dong, 955-1, Paldal-ku, 442-470 Suwon-city, Kyungki-do Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
<b>III-4</b>	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	SHIN, Kyoung-Ju
III-4-5	Address:	Samjeong Seonbi Maeul 102-504, Bora-ri, 289-12, Giheung-eub, 449-904 Yongin-city, Kyungki-do Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR
<b>III-5</b>	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	YANG, Young-Chol
III-5-5	Address:	Jookong Apt. 2-danji, 220-1201, Geumjeong-dong, 435-050 Gunpo-city, Kyungki-do, Republic of Korea
III-5-6	State of nationality	KR
III-5-7	State of residence	KR

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IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
IV-1-1	Name	<b>YOU ME PATENT &amp; LAW FIRM</b>
IV-1-2	Address:	<b>Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul Republic of Korea</b>
IV-1-3	Telephone No.	<b>82-2-3458-0700</b>
IV-1-4	Facsimile No.	<b>82-2-553-5254</b>
IV-1-5	e-mail	<b>email@youme.com</b>
V	<b>Designation of States</b>	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</b> <b>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</b> <b>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</b> <b>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</b>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</b>

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V-5	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
V-6	<b>Exclusion(s) from precautionary designations</b>	NONE	
VI-1	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	07 March 2002 (07.03.2002)	
VI-1-2	Number	10-2002-0012121	
VI-1-3	Country	KR	
VII-1	<b>International Searching Authority Chosen</b>	Austrian Patent Office (ISA/AT)	
VIII	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	27	-
IX-3	Claims	4	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	25	-
IX-7	TOTAL	62	
	<b>Accompanying items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney		-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	<b>Figure of the drawings which should accompany the abstract</b>	1	
IX-20	<b>Language of filing of the international application</b>	English	

**PCT REQUEST**

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X-1	Signature of applicant, agent or common representative	
X-1-1	Name	YOU ME PATENT & LAW FIRM
X-1-2	Name of signatory	KIM, Won-Ho
X-1-3	Capacity	Representative

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AT
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>		
<b>0-1</b>	International Application No.		
<b>0-2</b>	Date stamp of the receiving Office		
<b>0-4</b>	<b>Form - PCT/RO/101 (Annex)</b>		
<b>0-4-1</b>	PCT Fee Calculation Sheet Prepared using	<b>PCT-EASY Version 2.92 (updated 01.01.2003)</b>	
<b>0-9</b>	Applicant's or agent's file reference	<b>OPP021237KR</b>	
<b>2</b>	Applicant	<b>SAMSUNG ELECTRONICS CO., LTD., et al.</b>	
<b>12</b>	<b>Calculation of prescribed fees</b>	fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee <b>T</b>	⇒	<b>45,000</b>
12-2-1	Search fee <b>S</b>	⇒	<b>191,000</b>
12-2-2	International search to be carried out by	<b>AT</b>	
12-3	International fee		
	Basic fee		
	(first 30 sheets) <b>b1</b>	<b>530,000</b>	
12-4	Remaining sheets	<b>32</b>	
12-5	Additional amount <b>(X)</b>	<b>12,000</b>	
12-6	Total additional amount <b>b2</b>	<b>384,000</b>	
12-7	<b>b1 + b2 = B</b>	<b>914,000</b>	
12-8	Designation fees		
	Number of designations contained in international application	<b>93</b>	
12-9	Number of designation fees payable (maximum 5)	<b>5</b>	
12-10	Amount of designation fee <b>(X)</b>	<b>114,000</b>	
12-11	Total designation fees <b>D</b>	<b>570,000</b>	
12-12	PCT-EASY fee reduction <b>R</b>	<b>-163,000</b>	
12-13	Total International fee <b>(B+D-R) I</b>	⇒	<b>1,321,000</b>
<b>12-17</b>	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒	<b>1,557,000</b>
<b>12-19</b>	Mode of payment	<b>cash</b>	

**VALIDATION LOG AND REMARKS**

<b>13-2-2</b>	Validation messages States	<b>Green?</b> More designations could be made. The following States have not been designated: KR, NI. Please verify.
<b>13-2-7</b>	Validation messages Contents	<b>Green?</b> Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)

**PCT (ANNEX - FEE CALCULATION SHEET)**

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		<b>Yellow</b> Accompanying item "original separate power of attorney" has not been indicated as enclosed.
<b>13-2-1 1</b>	Validation messages For receiving Office/International Bureau use only	<b>Green?</b> Verify electronic data for consistency against printed form.